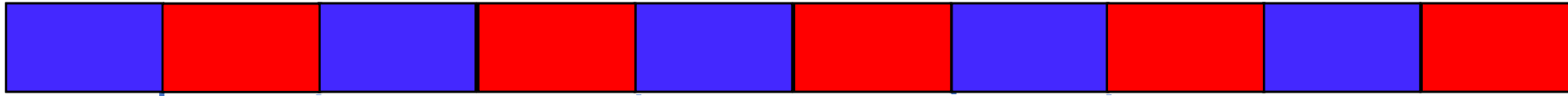


I can count in equal steps
of 4 and 8
18.1.21

Tuesday 19/01/21 L.O. I can count in equal steps of 4 and 8.

This magic counting stick can count in any size jump...
Today it is counting in jumps of 4.

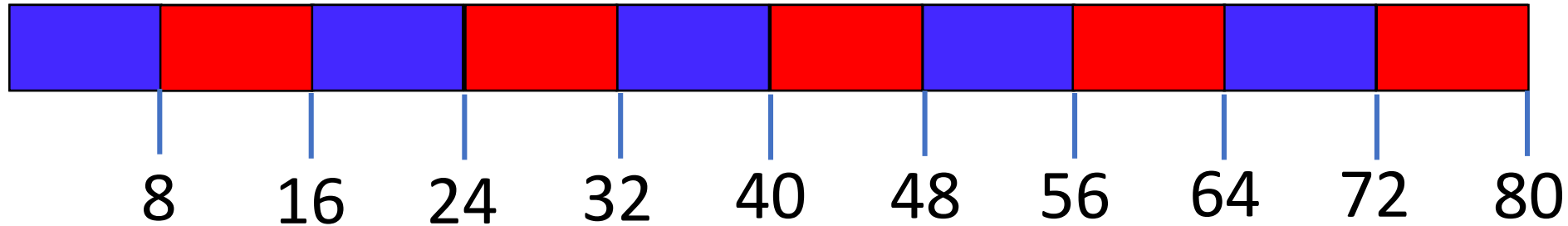
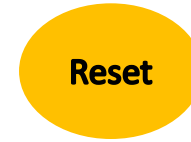
Reset



Do you notice anything about the numbers?

Tuesday 19/01/21 L.O. I can count in equal steps of 4 and 8.

Now the stick is counting in jumps of 8.



What do you notice about the numbers this time?

They are also even, and they are **DOUBLE** the numbers in the 4's!

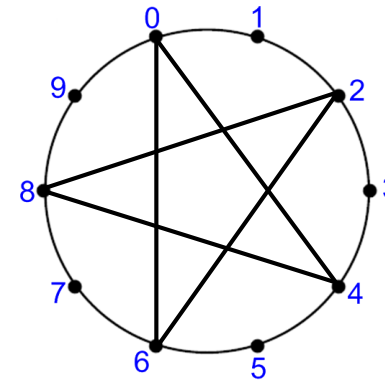
x2	4	8	12	16	20	24	28	32	36	40	44	48
	8	16	24	32	40	48	56	64	72	80	88	96

Tuesday 19/01/21 L.O. I can count in equal steps of 4 and 8.

There are other patterns to spot too...

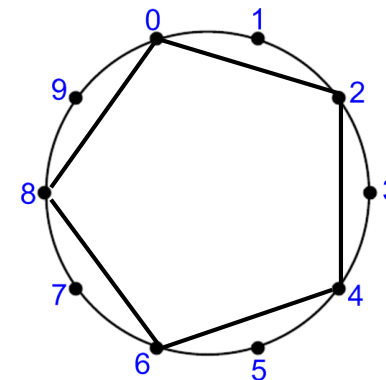
Have a look at the units digit of the numbers in the 4x table:

4 8 12 16 20 24 28 32 36 40 44 48



Do you think it will be the same with the 8x table?
Why?

8 16 24 32 40 48 56 64 72 80 88 96



Although the unit digits are the same as in the 4's, they are in a different order so it makes a different pattern. In the 8x table the units digits are in the order you would count the even numbers backwards: 8, 6, 4, 2, 0.

Have a go at today's Maths Task activity sheet:

19/01/21 Maths Task

Count in 4's and colour in the squares.

Count in 8's and circle the numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Fill in the missing numbers in these number sequences:

a) 4, 8, __, 16, __, __, 28, 32, __, 40, __, __, 52, __, __.

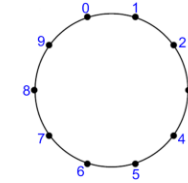
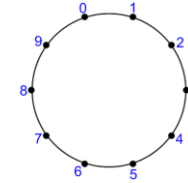
b) 8, 16, __, __, __, 48, __, 64, __, __, 88, __, 96, __, 112.

Challenge: Can you complete this sequence? Are any numbers in all 3?

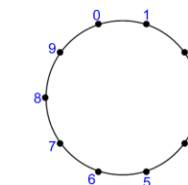
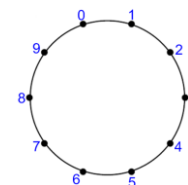
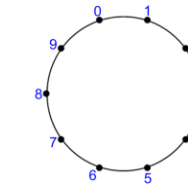
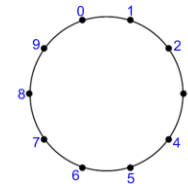
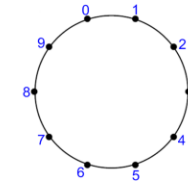
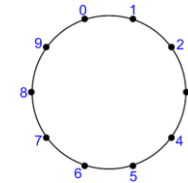
6, 12, 18, __, 30, 36, __, 48, __, __, 66, 72, __, __, __.

19/01/21 Maths Task (optional)

Investigate the patterns made by the different times table sequences.
Which ones have the same pattern? Can you think why this might be?



4x table: 4, 8, 12, 16,
20, 24, 28, 32, 36, 40



There is also a sheet with some blank circles if you would like to investigate what patterns you can make by looking at the units digit of other times tables.